
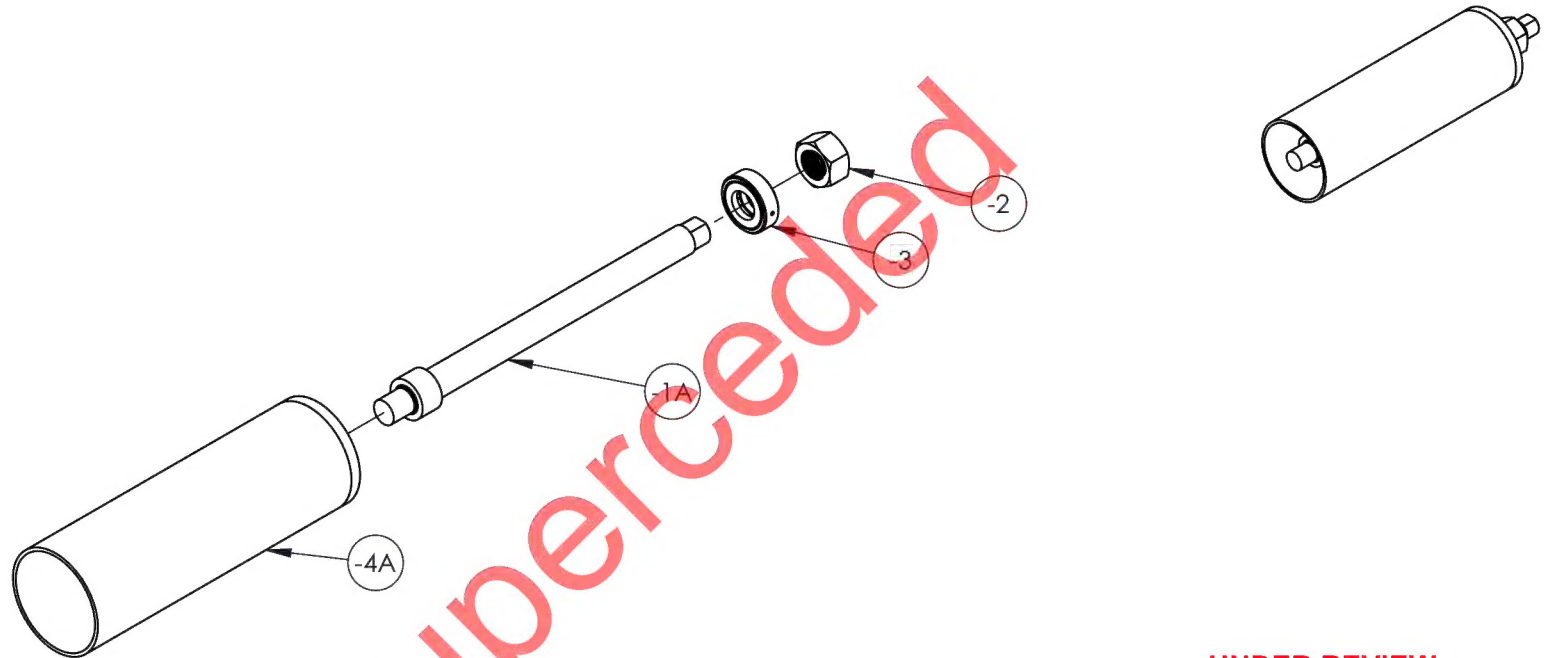


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		CH'D TITLEBLOCK & REVISION BLOCK. MOVED WELDMENTS TO SEPARATE PAGE. LABELLED ASSY., ADDED 1.00 DIM. AT END OF -1A. LABELLED AND CORRECTED SECTION A-A. ADDED ENGRAVE NOTE -5, ADDED END VIEW -5, MADE CORRECTIONS TO BOM.	12/29/2009	RJC	RW
1	15-0085	-1A ADDED NOTE  , CH'D P/N WAS -6 IS -2. -3 ADDED P/N GRAINGER #4ZZR3. -4 CH'D DIM WAS Ø1.970-1.969 IS Ø1.9530 -1.9520. -6 DELETED.	5/12/2015	RJC	JAG




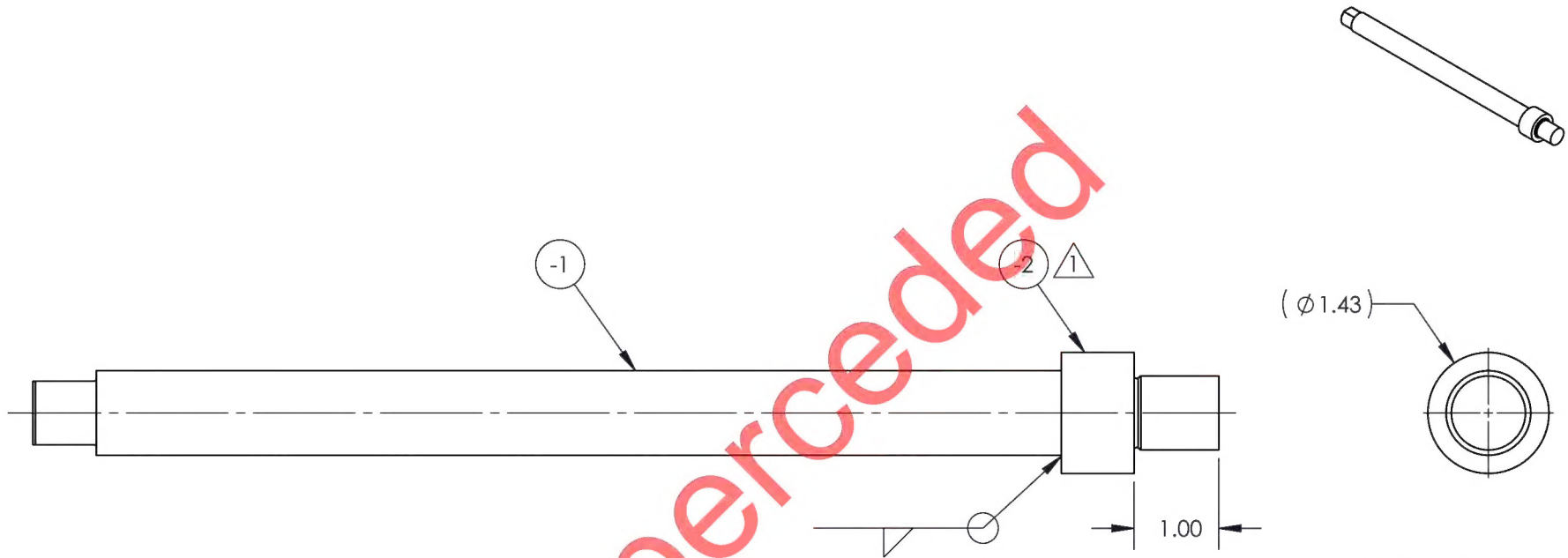
UNDER REVIEW
URF 19-820 19.07.18 (VM)

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1A	1	ROD WELDMENT			2
	1	B/O	-1		THREADED PULLER ROD	B7 ALL-THREAD	1-14 UNS (MCMASTER-CARR #92580A153) MODIFIED	3
	1	B/O	-2	1	HEX NUT	STEEL	1-14 UNS (MCMASTER-CARR #95505A621)	1
		B/O	-3	1	BANDED BALL THRUST BEARING	STEEL	Ø1 I.D. X 1-31/32 X 5/8 (IDA #D9, GRAINGER #4ZZR3 OR EQUIV.)	1
X			-4A	1	TUBE WELDMENT			4
1			-4		BEARING PLATE	1018/1020 CR		5
1			-5		TUBE	DOM		6
ASSY - 4A	ASSY - 1A							

DART AEROSPACE	
TITLE M/R BLADE BOLT RETRACTOR	
DWG NO. RBT18526	REV 1
MAT'L	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT FINISH
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC
SCALE 1:6	DATE 3/14/2003
USED ON MODEL BELL 204, 205, 212	
SHEET 1 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15-0085	-1A ADDED NOTE  , CH'D P/N WAS -6 IS -2.	5/12/2015	RJC	JAG



UNDER REVIEW
URF 19-820 19.07.18 (VM)

NOTE:

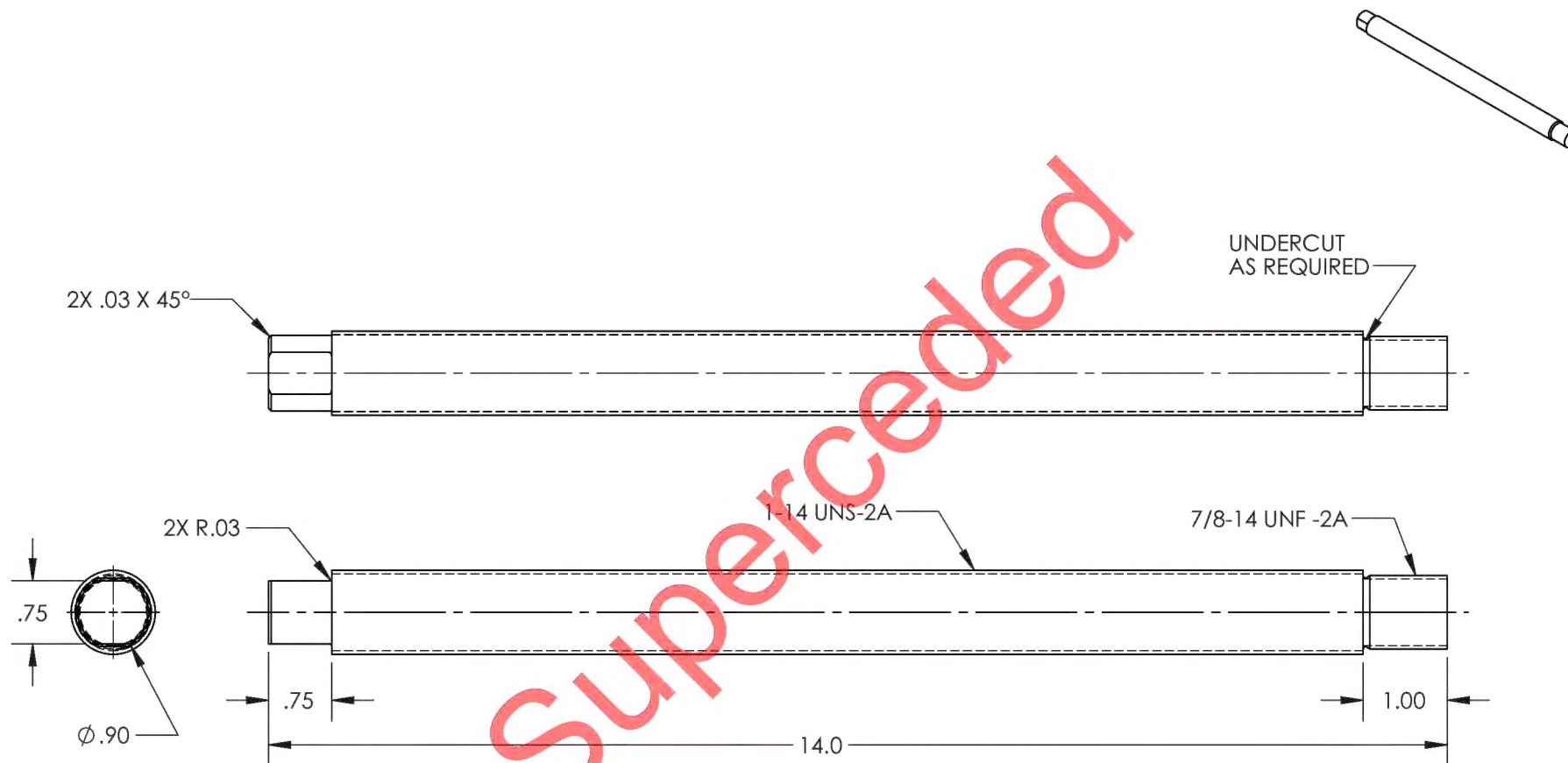
 AFTER WELDING MACHINE -2 NUT ROUND.


ROD WELDMENT

DART AEROSPACE	
TITLE M/R BLADE BOLT EXTRACTOR	
DWG NO. RBT18526-1A	REV 1
MAT'L	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BLL 204, 205, 212
SCALE 1:2	DATE 3/14/2003
SHEET 2 OF 6	

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REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



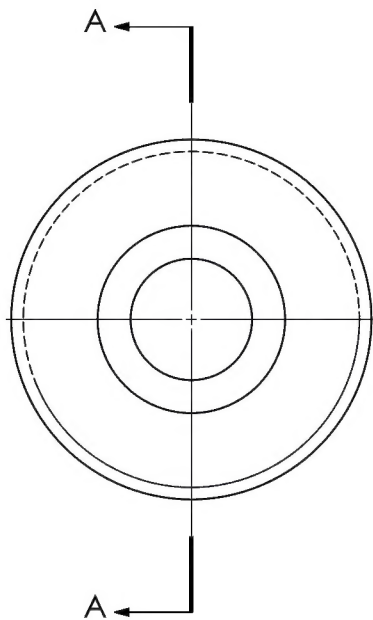
UNDER REVIEW
URF 19-820 19.07.18 (VM)

(-1)
THREADED PULLER ROD

DART AEROSPACE	
TITLE M/R BLADE BOLT EXTRACTOR	
DWG NO. RBT18526-1	REV 1
MAT'L B7 ALL-THREAD	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -1A WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212
SCALE 1:2	DATE 3/14/2003
	SHEET 3 OF 6

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



Superceded

UNDER REVIEW
URF 19-820 19.07.18 (VM)

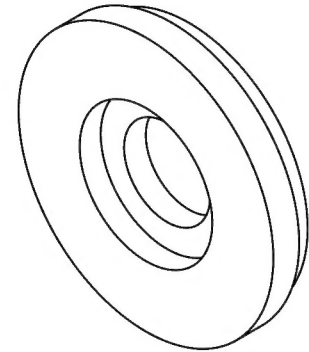
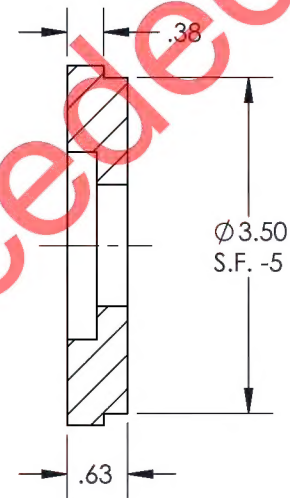
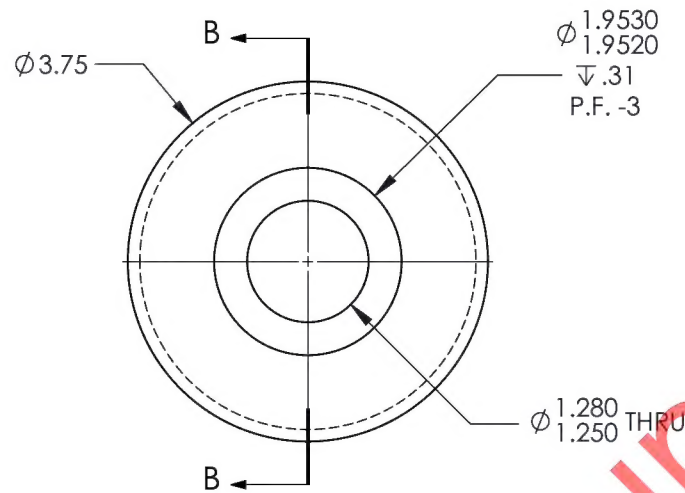
SECTION A-A

(-4A)
TUBE WELDMENT

DART AEROSPACE	
TITLE M/R BLADE BOLT EXTRACTOR	
DWG NO. RBT18526-4A	REV 1
MAT'L	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH BLACK OXIDE
ANGLES ± 5°	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212
SCALE 1:2	DATE 3/14/2003
SHEET 4 OF 6	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
1	15-0085	-4 CH'D DIM WAS Ø1.970-1.969 IS Ø1.9530 -1.9520.	5/12/2015	RJC
				JAG



SECTION B-B

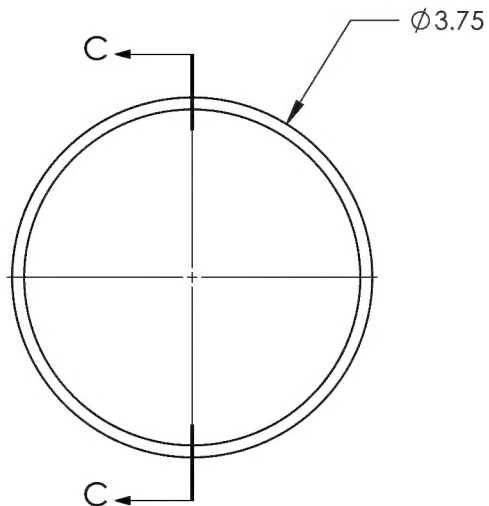
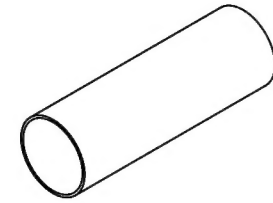
UNDER REVIEW
URF 19-820 19.07.18 (VM)

(-4)
BEARING PLATE

DART AEROSPACE	
TITLE M/R BLADE BOLT EXTRACTOR	
DWG NO. RBT18526-4	REV 1
MAT'L 1018/1020 CR	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm .005$	HEAT TREAT
.XX $\pm .01$	FINISH SEE -4A WELDMENT
.X $\pm .1$	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212
SCALE 1:2	DATE 3/14/2003
SHEET 5 OF 6	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



ENGRAVE T/N, S/N,
MADE IN USA

.13

Superceded



SECTION C-C

UNDER REVIEW
URF 19-820 19.07.18 (VM)

(-5)

TUBE

DART AEROSPACE	
TITLE M/R BLADE BOLT EXTRACTOR	
DWG NO. RBT18526-5	REV 1
MAT'L DOM	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -4A WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 204, 205, 212
SCALE 1:2	DATE 3/14/2003
	SHEET 6 OF 6